

ABSTRACT

Glycosylamines are important biochemical compounds that possess anti tumor and enzyme inhibitory properties. The present work described is the synthesis of four glycosylamines namely glucosylamine, fructosylamine, galactosylamine and lactosylamine by amination technique. During reaction, formation of glycosylamines was monitored by the analysis of residual sugars by DNS method and analysis of ammonia. The formation of N-glycosidic bond was confirmed by FTIR spectral analysis.